

Company name	MASCARA RENEWABLE WATER
Partners	TURNKEY WATER SOLUTION
Project Title	SEAWATER DESALINATION
Status (planned, ongoing, completed)	Ongoing
Location(s)	Hessequa Municipality – South Africa
Technology	Sea water desalination technology: Solar powered Reverse Osmosis without battery
Low carbon desalination scheme (renewable energy supply, energy efficiency, others)	Renewable energy supply with very low energy consumption and with high energy efficiency
Start date – End Date	Starting date: October 2018
Size of the project (Water production and Energy supply)	OSMOSUN® SW 16 70 kWp Solar powered production: 100 m ³ /day installed Grid powered production: 200 m ³ / day
Investment size (please specify currency)	585 000 €
Contractor	Hessequa Municipality
Summary of the project	Mascara Renewable Water and its South African partner Turnkey Water Solution have officially launched during the African Utility Week this first solar desalination project in South Africa. Co-financed by the Cape Town Province Drought Relief Fund and the French Government, this solar desalination project to be installed in the Hessequa Municipality is of strategic importance to address the water need of the local population. The daily solar powered production capacity of the OSMOSUN® is of 100m ³ , with the possibility to increase that production to 300m ³ by running the unit besides sunlight hours through the connection to the local electricity grid. This feature will be used during peak holiday period specifically.
Website	http://mascara-nt.fr/en/
Contact person	Maxime Therrillion – Head of Commercial Department at MASCARA – m.therrillion@mascara-nt.fr - +33 6 49 54 30 46 -